

THE CHINOOK ADVANCE

Vol. 22

Chinook, Alberta, Thursday, March 15th 1945



Department of Health
Bureau of Vital Statistics

FAMILY ALLOWANCES

The Family Allowance Act becomes effective on the first of July, 1945, it is therefore, of the utmost importance that all births which have occurred during the past 16 years be registered.

As payment of the allowance depends upon registration it would be advisable for parents to make sure that their children's births are on record in the bureau.

You are advised to attend to this at the earliest opportunity so as to avoid congestion and delay in the Edmonton Office due to last minute applications.

The fee for a search for each registration of birth is 50 cents. If a certificate is desired the fee is one dollar. All enquiries should be accompanied by the required fee and addressed to:

The Deputy Registrar General,
Land Titles Building
Edmonton.

The Chinook Branch of the Canadian Red Cross are pleased to report the success of their booth at the Bonspiel last week. Proceeds amounted to \$112.20 net. Also \$39.25 from the quilt raffled.

The committee wish to thank those who helped the work along.

Mr J. E. Cooley is a Calgary Business visitor this week.

Private Joe Damsgard spent a few days leave this week with his father.

GOOD
BREAD
INSURED
for
only 2¢
PER CAKE

ROYAL
YEAST
CAKES

Full Strength
Dependable
In the Airtight
Wrapper

Pool Payments Held Up

There will be no payment of patronage dividends by the Alberta Wheat Pool this spring. Neither will there be any purchases of reserves. Nothing can be done in this regard until the federal government makes a decision on the taxing of co-operatives.

For three years past the Alberta Wheat Pool has been issuing substantial sums in the form of patronage dividends and for the purchase of reserves at about this time of the year. Members who may be looking forward to the same will undoubtedly be disappointed to hear that these payments will not be forthcoming. Until it is made clear whether the federal government will tax such earnings or not these payments will have to be held up. If it is decided to tax the earnings the amount of the payment will be lessened by the amount of the tax.

ALBERTA WHEAT POOL

U. F. A. CO-OP.

GROCERIES

FRESH FRUITS & VEGETABLES

HARDWARE

DRY GOODS

MAGAZINES & PAPERS

FEED & SALT.

Market Your Hogs Earlier

By Feeding

AIRFLOAT LIMESTONE

Here Is Just The Thing
For Wintry Days

MEN'S FLEECE LINED

"PARKA" JACKETS

WOOL INNER MITTS

Kids!

Get Your School Supplies

HERE

Patronize Your Own Store

BETTER
CHECK OVER
YOUR
FARM MACHINERY
And Order
Repair Parts

NOW

AGENTS FOR FORD
JOHN DEERE

And I. H. C.

COOLEY BROS.
Chinook

Phone 10

OUTSTRETCHED HANDS
are calling for HELP...

MILLIONS of innocent victims of war are without food and clothing for hungry, ragged bodies—without skilled care for the sick.

In collaboration with the Red Cross, we are appealing for funds to send urgently needed supplies to the destitute in our homelands—the help that saves bodies and renewes hope.

Your contribution to the Red Cross is the one way in which you can express a practical sympathy for those who are enduring so much.

Their need is great. We cannot ignore their pleading.

GIVE to the RED CROSS GIVE GENEROUSLY

THE CANADIAN UNITED ALLIED RELIEF FUND

A joint organization of the Belgian War Relief Fund, Canadian Friends of Russia, Canadian War Relief Fund, Czechoslovakian War Relief Fund, Czechoslovakian Relief Fund, Chinese War Relief Fund, Dutch War Relief Fund, French War Relief Fund, Hungarian War Relief Fund, Norwegian War Relief Fund, United Polish War Relief Fund, Yugoslav War Relief Fund.

HEADQUARTERS - 130 QUEEN STREET, OTTAWA

William M. Bell, President; Chalmers Macomber Vice-Pres., C.C. Vice-Chairman
George A. Burgess, Secy. Secretary

Registered under the War Charities Act
Department of National War Services

Good News!
FOR FOLKS WITH SNIFLY
Head Colds

Special Double-Duty Works Fast Right Where Trouble Is!

Quick relief from the sneezy, stuffy distress of head colds is what you want. So try Vicks Va-Tro-Nol. It can easily soothe irritation, nasal congestion. You'll welcome the relief that comes! Va-tro-nol also helps prevent many colds from developing if used in time. Try it! Follow directions in folder.

VICKS VA-TRO-NOL

Prosperity For Agriculture

THE PEOPLE OF WESTERN CANADA have always been known for their optimism and for their firm faith in the future of this part of Canada, in spite of the fact that agriculture, upon which the prosperity and progress of the Prairies depend, has been beset by many difficulties from the time the land was first settled. Drought, rust, frost, insects and adverse economic conditions are among the problems with which the farmers have had to deal. Some have been successfully solved by the farmers themselves, others have been overcome with the help of scientists and economists. By these means, farming conditions have steadily improved. Rust and frost resistant wheats have been developed, new insecticides and fertilizers have been put on the market, while farmers' organizations and other interested groups have worked to improve prices and other economic factors affecting agriculture.

Increase In Farm Income

A recent survey of farming conditions in Canada shows that at the present time the average Canadian farmer "owns more property, is in a better cash position, and has fewer debts, than ever before in history." These improved conditions are attributed largely to the fact that farm prices increased by sixty per cent. between the years 1939 and 1944, while during the same period there was a fifty per cent. increase in agricultural production. As a result of this, the farm income is at present almost twice as large as it was before 1939, and farmers are now believed to be in as favourable a situation as they were during the period of prosperity which they enjoyed between the years 1926 and 1929. This comparison is made on the basis of the relation between farm prices and cost of living now and in the earlier period.

Many Employed In Agriculture

Records show that the greatest expansion in Canadian agriculture took place in the years between 1914 and 1918, when the land under cultivation was expanded by 18,000,000 acres. This expansion resulted in our having large amounts of wheat for export and in prices becoming subject to the influence of world market conditions. One of the greatest problems of past years has been the marketing of our surplus agricultural products, and upon the solution of this problem rests much of the hope for the continued prosperity of those on the land. This greatest industry, employing twenty-five per cent. of all the gainfully occupied people in the Dominion, and thirty per cent. of all the gainfully occupied men. Provision has been made for increased economic support for Canadian farmers after the war, and this, combined with recommendations made at the recent Borden Woods Conference in respect to improved world trade conditions, may lead to the removal of one of the most serious hazards to the farming industry.

Sea-Going Movies

Provide Much Entertainment For Men Of Royal Canadian Navy

The sea-going movies of the turbulent North Atlantic are just as popular as the land theatres, even if it does sometimes take two men to hold down the projector and another to keep the screen steady on a rolling deck.

Few theatres anywhere serve a better purpose than the makeshift layouts in the mess decks of 175 ships of the Royal Canadian Navy where 16 MM. copies of major film productions are shown in all weather and latitudes from Halifax to North Russia.

These films for navymen are rented by the Royal Canadian Naval Film Society, a non-profit organization run entirely within the naval service to provide naval officers and ratings with film entertainment wherever they may be.

Films are rented by the ships and at sea and in remote ports are passed from ship to ship.

Navymen in ships pay five cents each to rent the films they take to sea with them. This assessment works out to approximately \$4 for a minesweeper and \$10 for a destroyer. The cost in each case is footed by the ship's canteen fund so the cash out-of-pocket expense to the man in the lower deck is nil.

Made A Mistake

Napoleon once sent troops to take possession of Australia. They landed, and named the colony "Terre Napoleon", but while the French commander, an amateur naturalist, had gone inland to hunt butterflies, the British arrived and captured the entire garrison.

RUB OUT THAT GOLD WITH—

MINARD'S
"KING OF PAIN"
LINIMENT

A Handsome Gift

Albums Were A Magnificent Example Of Modern Russian Craftsmanship

The second anniversary of the defeat of the Germans at Stalingrad was happily marked at an Anglo-Russian gathering in London, when gifts sent by the City Council and people of that heroic city were handed over to British craftsmen who made the Sword of Honor presented by the King of Stalingrad.

Mr. Sobolev described the 18 albums presented as a "modest gift," but in fact they are magnificent examples of modern Russian craftsmanship. Bound in ribbed scarlet silk, with a gilt clasp, each of the large albums contains a photographic record of life in Stalingrad before, during, and after the memorable siege, with greetings to the British people signed by representative citizens, reproductions of the messages congratulating Marshal Stalin on the victory. Mr. Churchill and Mr. Roosevelt, and a pictorial record of the presentation of the sword. Each album is enclosed in a cabinet of carved walnut, the name of the recipient being engraved on the gilt plate. The albums were designed and made by Stalingrad craftsmen.

The widow of Mr. R. M. Y. Gleadowe, the designer of the sword, was the first to receive an album.—London Times.

Canada Walk

Street In London May Be Named In Honor Of Dominion

London County Council-Holborn Borough Council has decided to ask the L.C.C. to name the north side of Lincoln's Inn Fields as Canada Walk further to commemorate the centennial during the war between the Royal Canadian Air Force and the citizens of Holborn.

It was on the side of Lincoln's Inn Fields that a maple tree, the gift of the mayor and citizens of Ottawa, Ontario, had been planted recently by the Mayor of Holborn, Alfred Wilfred E. Muller.

MANY BIG WARS

There have been 902 big wars since 500 B.C. and 1800 were involved in 185 of these, Britain in 176, Russia in 151, and Austria in 131.

New Type Of Drill

Digs Holes For Telegraph Poles Or Fence Posts

A revolutionary drill which will dig holes for telegraph poles or fence posts in less than three minutes has been introduced in Canada by the Canadian National Telegraphs and is now in use along the company's lines. It is announced by A. P. Linnell, general superintendent, Western region. The new equipment saves about one hour's time per post compared with that required by hand digging in average ground and up to seven and eight hours through frost and hard pan.

The drill is installed on the back of a standard D-2 Caterpillar tractor and will dig to a depth of seven feet. It also has a changeable auger and will dig a hole up to 24 inches in width. The C.N. Telegraphs is presently using 16-inch and 20-inch augers. The drill will dig a hole at almost any angle.

As previously used in parts of the United States, the drill has been mounted on a trailer, but the C.N. Telegraph engineers found that a tractor is far more practical as it allows the drill to be moved rapidly over almost any type of ground. The tractor has been modified with a larger than standard track to offset a tendency to tilt when the digging machine cuts deeper; the bumper at the front has been replaced with a heavy counter-weight.

Gears for the operation of the drill are fitted to the power take-off on the tractor and a winch has also been installed to raise and lower the tools in the holes.

The apparatus, which is the property of the C.N. Telegraphs, is presently being used at Lumsden, about 70 miles north of Winnipeg, where it has proven most efficient, even under extreme winter conditions. Mr. Linnell states the drill will be employed at various other parts of the western region as needed.

Has A Variety

Hats Mr. Churchill Wears Of Many Different Styles

Hats make all the difference in the world, as any woman will affirm. Mr. Churchill has quite a variety of them. His caricatured pillowbox, which he uses at the Quebec conference, gave him a Slavonic touch. His bowler is in the best tradition of the English squire. His bowler is likewise the typical Londoner, and his silk topper makes him every inch the British Prime Minister. His "Nigara fedora," with its snap button pulled down in front, is quite American. Most startling of all is the western sombrero which changes him entirely, and gives him the appearance of a two-gun sheriff in Dodge City or some such place in the eighties of the last century, when a man had to be quick on the draw and shoot just once. Yes sir; men hats are almost as important as millinery.—Hamilton Spectator.

Accepts Invitation

Mrs. Winston Churchill Will Visit Russian Red Cross Societies

Mrs. Winston Churchill has accepted an invitation from the Soviet government and Red Cross and Red Crescent societies of U.S.S.R. to visit Russia, and has arranged to go early in the spring, it has been learned. This will be Mrs. Churchill's first visit to Russia. She inaugurated the Red Cross Aid To Russia fund which up to the end of last year had raised about \$27,000,000 and had shipped about 15,000 tons of medical supplies to U.S.S.R.

Ether was not put to any practical use until 1842, although it was discovered in the 13th century.

Canadians "Hang On" In Forward Drive



Infantrymen of the First Canadian Army cling to each other for support as they ride forward on a lurching tank in the Reichswald Forest sector in pursuit of the enemy.

Price Control And Rationing Information

Q.—Under the rental regulations of the War Prices and Trade Board will it be necessary for me to have my board and room rate approved before taking in a boarder?

A.—Landladies who are providing rooms and board for the first time, may apply to the office of the War Prices and Trade Board for information. The boarder feels that the rates are out of line with similar accommodation in the neighborhood, he may refer the matter to the rentals department of the wartime Prices and Trade Board for adjustment.

Q.—Now that cuffs are allowed on men's trousers, I would like to know what a tailor can put on ladies' slacks.

A.—No. Cuffs are not allowed on ladies' slacks. However, if you wish pleats on your slacks, these are permitted.

Q.—When our sugar ration is so strict, I can't see why a restaurant is allowed to make sugar syrup by serving tea and coffee when the customer hasn't even asked for it.

A.—Public eating places are prohibited from serving sugar with tea or coffee, cereal or fruit unless it is requested by the customer.

Q.—Are the prices of seeds and plants controlled by the Wartime Prices and Trade Board?

A.—No. The prices of seeds and plants are exempt from Board regulation.

Please send your questions or your request for the pamphlet "Consumers' News" or the Blue Book in which you keep track of your ceiling prices, mentioning the name of this paper to the nearest Wartime Prices and Trade Board office in your province.

Getting It Back

United States Sold Scrap Metal To Japan Which Is Being Used For Munitions

The spectroscopic show that the Japanese are still shelling United States scrap metal to U.S. soldiers. This is reported in a study made by metallurgists of the Battelle Memorial Institute for the U.S. Army and the Navy Ordnance departments and the Office of Scientific Research and Development.

The spectroscope is the eye which metallurgists use to identify the presence of atoms by the light they emit. It shows, even down to one part in a million, whatever trace of any metal is present.

"The laboratory data show," says the report, "from the presence of residuals, that the scrap which the United States sold to Japan before the war plays a considerable part in the munitions being used against us."

In Civilian Life

Royal Navy Volunteer Reserve Officers Had Varied Occupations

On a single course in H.M.S. Lochinvar recently, the R.N.V.R. (Royal Naval Volunteer Reserve) officers under instruction included those who in civilian life had been a Local Government clerk, a surveyor's assistant, a chemist, a shop manager, a school master, a chartered accountant, a printer, a bank cashier, a glove salesman in the woolen trade, an inspector of the Metropolitan Police, a bus-buyer, a display artist, a fiction writer, an architect, a cabinet-maker, and an Australian sheep-farmer.

Ether was not put to any practical use until 1842, although it was discovered in the 13th century.

MACDONALD'S BRIER

Canada's Standard Smoke

Paid The Price

Forty-Six Allied Countries Admitted To World Security Conference

On the eve of March 1, the date beyond which no new belligerents could gain admittance to the San Francisco World Security conference, 44 Allied countries had paid the price of admission—they had declared war against either Germany or Japan.

Neutral were Switzerland, Sweden, Spain, Portugal and Argentina.

In between were five former Axis allies—Finland, Hungary, Italy, Bulgaria, and Romania—in varying stages of repentence and all at war with Axis countries.

SMILE AWHILE

Kate: "Where did Mabel get that awful hat?"

Ann: "She won't tell. I think it is a military secret."

Guy: "Look here, it ain't sanitary to have a bog pen right under the house that way."

Joe: "Well, I dunno, I ain't lost a hog for ten years."

"Pardon me, sir," said the waiter, taking up the money, "but this includes nothing for the waiter."

"I didn't eat one, did I?" said the professor, glancing up from his book.

Teacher: "Robert, give me a sentence which includes the word 'fascinate'."

Robert (after deep thought): "My father has a waistcoat with 10 buttons on, but he can only fasten eight."

Caller: "I am so sorry your mistress is out. Do you think she will be at home this evening?"

Maid: "She'll have to be; it's my night out."

Patient's Wife: "Is there any hope, doctor?"

Doctor: "Well, I don't know. What are you hoping for?"

Barber: "Here comes a man for a shave."

Apprentice: "Let me practice on him."

Barber: "All right, but be careful not to cut yourself."

"Like that dress you're wearing."

"I got it for my twentieth birthday."

"Really? It has worn well, hasn't it?"

Judge: "Judge, I don't know what to do."

Judge: "I'll come to ask for the truth; but every time I try some lawyer objects."

A certain officer's confidential report had written on it, by his commanding officer: "This officer should go far."

The Brigadier added: "The farther the better," and finally the divisional commander wrote: "He should start at once."

A policeman, whose evidence was taken on commission, deposed: "The prisoner called me an ass, a precious dog, a scarecrow, a raga-muffin and an idiot." And this being the conclusion of his deposition, his counsel said was preceded by the formal ending, "All of which I swear is true!"

Suitor—"I have come to ask for the hand of your daughter."

Father—"Which one, Jane or Helen?"

Suitor—"Jane, sir."

Father—"Do you make enough to support two?"

Suitor—"No, sir. One will be enough."

Clear Stuffy Heads

Relieve mucus-choked passages
Penelope CWAC: I think she took the last draft overseas.

The art of weaving asbestos was known to the ancients. It was rediscovered in 1720 in the Ural mountain regions.

MENTHOLATUM
Gives COMFORT Daily

NOTHING LIKE GOOD BREAD

NOTHING LIKE GOOD YEAST!

30 years a favorite for light-textured delicious, tasty bread

ROYAL YEAST CAKES
MAKES PERFECT BREAD
Made In Canada

7 OUT OF 8 CANADIAN WOMEN WHO USE DRY YEAST USE ROYAL!

OUR COMPLETE SHORT STORY—**Modern Judas**

By FAYE McGOVERN

McClure Newspaper Syndicate

Boyd Carr, American volunteer pilot on reconnaissance, banked his plane and looked down. Below him was the broad Yellow River firmly restrained in its new dike system. On its bank was the missionary building that had been reported razed by a band of rebels.

It was where Boyd had been born, of missionary parents. Where he had grown up, and spent many happy hours playing with Soo Ling, a young convert. After a visit to the States with his parents, where he had absorbed American customs in a surprisingly short time, he and Soo Ling played cops and robbers with all the realistic zeal of their active imaginations.

Boyd grimmed, remembering the clout he had given Soo Ling with a small sandbag they had made, laying Soo out cold for ten horrified minutes.

A figure emerged from the building, looked up and waved. Boyd grimed. "Soo Ling, I'll bet my eye-teeth."

Maybe the report about the rebels had been false. He swung the nose of his cabin cruiser downward, and in a few moments was bumping along the uneven ground. Should anything be amiss had his revolver.

He opened the door, stepped out, and grunted with surprise. A scowling, roughly clad Chinese was pointing a bayonet straight at his middle. Others crowded around menacingly.

Boyd's hands moved toward his holster, but a silent word from the bayonet-wielder set his hands skyward. Grin-splitting, he scanned the crimson crowd.

"Soo Ling," he shouted, recognizing his childhood friend among them. The one yelled at stared at him coldly. "Do you know this man?" the one

with the bayonet, apparently the leader, demanded caustically of Soo Ling.

Soo Ling shook his head. "I know him not!" he replied in emphatic Chinese.

With a grin of delight the chief relieved Boyd of his revolver, then ruthlessly bound his hands behind him; commanded the ragged group to form a cordon around him, and headed the bank toward the levers.

"Hey, what's the idea?" Boyd yelled. "I'm an American citizen. I demand to know the meaning of this!"

His protest brought nothing but stony silence. Then he realized that in his fury he had shouted in English. When he tried translating his thoughts, he realized with despair that, though he could still understand, he could no longer speak Chinese.

But Soo Ling had spoken English like a true Yankee when they were youngsters. "Soo! For Pet's sake. Don't you remember me?"

The leader barked something at Soo Ling, who scowled blackly. "I tell you I know the infidel not!"

Boyd ground his teeth, thinking of the tireless years his father had spent teaching his converts to live clean, decent lives, winning them away from their superstitions; their idolatrous ancestor worship. Now the youngest had turned thief!

As they neared the narrow top of the dike they had to form a single line. The leader shouted to the others, then gave Boyd a prod that indicated he should follow, with himself bringing up the rear.

Soo Ling turned on him furiously, spewing a string of Chinese invectives, gesticulating angrily. Boyd stared, not understanding all he said—but enough to realize Soo Ling wanted to be the prisoner's guardian. Hadn't the American dog flown his devil machine down in the grave of Soo's immortal father? Didn't such description, such insult, give him the privilege?

Boyd's spine froze. No one knew better than he the lengths to which the Chinese would go to avenge a fancied insult to their departed forefathers. The gleaming bayonet now surrendered to Soo Ling was a formidable weapon for one bent on revenge. What a fool Boyd had been to forget the old burying ground!

He marched on, his muscles tensed against the thought of cold steel in his ribs. Just ahead was the gate that controlled the flow of water to the rice fields. Better a leap to the muddy field below than—

There was a yank at his bonds. His hands were free! He whirled. The bayonet was thrust at him wrong and foremost. Then Soo Ling was beyond him, giving the whirling wheel a vicious jerk; then another, and another. Dirty yellow water roared through the widening space just ahead. "Run, Boyd!" Soo Ling yelled.

Boyd started, then stopped. With a small leap, the leader had whirled across the rushing stream and was for Soo Ling. But Soo Ling ducked, holding something from his pocket, and brought it down hard on the leader's skull. The man pitched forward and lay still.

A glance told Boyd that as soon as the rebels realized their prize was escaping they had no courage enough to meet the leader face-to-face. "Soo, you Judas!" Boyd gasped as Soo caught up with him. "I thought you had denied me for good!"

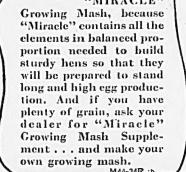
"Not for all the ransom in China," Soo grinned. "Fortunately I was alone at the mission when they attacked it, but I had to pretend to join them to protect my hide. Thank heaven you happened along!"

Boyd yanked open the door of the plane and dragged Soo Ling in behind him. "You sure pack an awful wallop," he called above the motor's revolutions.

"I used this." Soo Ling answered. "I remembered what it did to me."

"This?" was a floppy bag with a tip of hard-packed sand.

A moth's wings are inflated with air, which is pumped into the pneumatic wing tubes from the respiratory organs.

**Devotion To Ideal****Descendant Of Polish King Gave Life For His Country**

Stanislaw August Poniatowski, who died in 1798, was the last king of Poland. He was not Poland's greatest king, but he left a name which meant a vital heritage to a descendant of his 147 years later.

The descendant, Prince Marcin Andre Poniatowski, escaped from France to Britain during the German western surge in 1940. Although he had never seen Poland and spoke no Polish, he enlisted in the Polish army in Britain because he believed he owed a duty to the name he bore.

He won a commission and went with his unit to fight on the Western Front. There, at the age of 23, he died in action against the enemies of the homeland he never knew.

In Polish history the name of Poniatowski takes on added lustre from his devotion to an ideal and from his sacrifice in behalf of—it.

Buffalo Courier-Express.

GARDEN NOTES**First Plantings**

Vegetables divide themselves into three main planting groups. In the first are the hardy things, those that can stand as soon as they can be prepared regardless of the weather ahead. These will stand lots of frost and in fact best results are often obtained when the first cool weather while the weather is still cool and wet.

In the vegetable line these very early things are garden peas, the first radish, turnips, beets, radish, spinach and lettuce. Experienced gardeners say that these can be planted just as soon as the soil has been nicely and no longer mixed.

But they advise strongly against planting them all at once. They make a practice of sowing beets, radish, spinach and at least three radishes over ten days.

In this way the harvest is so spread over the harvest, and one has the opportunity to plant successive crops of the tender vegetables right along.

One can start out the season still more by using an early, late and medium variety. This sort of spreading is particularly advisable with those vegetables that must be sown very early in the spring.

In the second group of vegetables, semi-hardy things, which can stand a light frost, but will not stand over one month, are onions, the first corn, beans, cabbage and at the end of the line, the real tender plants that can stand no frost at all, such as the melons, cucumbers, tomatoes, pumpkins, etc.

Nursery Stock

Nursery stock is the name that covers all the sort of things one gets from a nursery, everything from perennial flowers and strawberry plants to 10-40 centimetre trees. This year due to the shortage of labor, gasoline and imported foundation stock from Europe, the Canadian supply is not plentiful, hence all the more reason for taking care of what one can buy.

All nursery stock should be planted as soon as possible. With large plants and trees it is especially necessary to give roots plenty of room and press fine soil firmly about them. Cultivation for some time is advisable and also will help to keep the soil loose if the weather is dry. It is essential, of course, to protect roots from wind and air generally in unpacking and planting.

GO LONG WAY

Giant Chinese green onions grow from two to two and one-half feet long, two and one-half inches in diameter, and weigh more than three pounds apiece.

Soiless Culture**Possibility Of Chemical Gardening Not A New Discovery**

Everything that is known about the growing of plants without soil, commonly known as soiless culture or chemical gardening, including its application to outside gardens, was explained by Dr. H. Hill, Division of Horticulture, Dominion Department of Agriculture, in an address at the recent annual convention at Winnipeg of the Manitoba Horticultural Association. The possibility of growing plants without soil was not a new discovery, said Dr. Hill. Originally it was employed in experimental research, and the Division of Horticulture at Ottawa had used it for the last 20 years in studying the nutritional requirements of various horticultural crop plants, and in becoming familiar with the appearance of the plants when specific plant nutrients were lacking or inadequate.

Miraculous yields which sometimes

had been claimed for soiless gardening were neither miraculous nor peculiar to the method.

Extremely high yields were simply the result of lengthening the growing season,

and that could not be done economically in soil or in soiless culture.

Any plant which did not have a terminal type of flowering could grow indefinitely with an adequate supply of nutrients, provided it was not killed by insects or disease and did not have its life cut short by frost.

Because the roots of plants were capable of absorbing and assimilating only food that was in solution, it did not matter whether soil or some other medium furnished that food.

A number of different terms, said Dr. Hill, have been applied to this system of growing plants, according to the medium employed and the technique adopted. Some of these terms were hydroponics, water culture, sand culture, gravel culture, chemical culture, and soiless growth. These methods could be divided into roughly into two groups: growing plants with the root system immersed in water in which the essential plant nutrients or chemicals had been dissolved, and growing plants with the root system supported in a solid medium, such as sand, cinders, or gravel to which the necessary nutrients were added. The Division had adopted the second method, employing a solid medium on account of its greater simplicity and practicability.

In water culture, the method consisted essentially of supporting the plants with their roots dipping into a tank or container of nutrient solution.

In the production out of doors

by the sand culture method, the beds or benches for the vegetables grown for the Royal Canadian Air Force at Labrador were of roughly built wood.

benches 100 feet long, five feet wide, and 8 inches deep, raised on trestles two feet above ground. Six to eight inches of sand was sufficient for the majority of crops.

Dr. Hill gave full details of the feeding and fertilizer formulae applicable to the various methods.

Aid For France**Lend-Lease Credits Have Been Extended By United States**

The United States announced extension of lend-lease credits to France for civilian supplies totalling \$2,575,000,000.

The supplies are to continue moving to the French under a broad new lend-lease agreement signed with the D. Gaulle government, even after the end of the war, unless President Roosevelt decides to cancel the contracts as being not "in the national interest."

The French agreed to pay for the materials thus received on a 30-year basis the credits to bear interest at 2% per cent annually.

They cover a master lend-lease arrangement similar to those made with Great Britain, Russia and China; a reciprocal aid plan by which France agrees to devote its resources as far as possible to the Allied war effort.

HARDLY PAID

A three-cent stamp cost St. Joseph County \$15. County commissioners, before selling an old safe, called in a locksmith to make certain it contained nothing valuable. The locksmith retrieved the stamp and submitted his bill for \$15.

The Egyptians call molasses "black honey".



Lydia E. Pinkham's VEGETABLE COMPOUND

**Developed RDX****Preservation Of The Beaver Is A Factor Of Importance**

It might be appropriate to draw attention to the fact that the preservation of our beaver is also a factor of importance in its turn in the preservation of our forests. For the dams built by the beaver do a great deal to prevent a too rapid run off of the rainfall or the water from the melting snows of winter. They maintain ponds and protect moisture for the trees and reserve for our power developments.

A few years ago two Algoma men who acted as guides for tourists were discussing routes with a party who wished to take a canoe trip. "Do you know," asked one, "if the beaver have been trapped out at such and such a spot?" And his companion replied that he believed they had been.

"Then there is no use," said the first guide, "in sending this party by that route; for if the beaver are gone there won't be enough water for the canoes."—Sault Ste. Marie Star.



Dr. George Wright, professor of chemistry, University of Toronto, who developed RDX, world's most powerful military explosive, in his laboratory.

Recently he became a Canadian and has been granted a permit for his shotgun, refused him before.

Powerful Microscope**Prisoner Of War Tells How Medical Supplies Were A Life-Saver**

"No donation of mine to the Red Cross will ever be casual because we were not for the parcels if we were sent to me during the three years I was a prisoner of war in Germany. I would not be here today, Dr. A. G. Henderson told an enthusiastic meeting of Canadian National Railways officers and employees in the C.N.R. station at Winnipeg.

"Canadian Red Cross parcels were most acceptable to the war prisoners of any parcels, even from Britain and the United States," said Dr. Henderson, who, with his wife, became German prisoners after the torpedoing of the Zambra. "The medical supplies were a life-saver, as none could be obtained in Germany and the clothes and books, apart from the food, served a most valuable purpose."

Dr. Henderson related how he lost 25 pounds in one month when he escaped from the prison camp to which he had been moved in France and no longer could get Red Cross parcels.

He had been captured in France in 1940 and was held in a British prison camp until 1945.

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**ROBINSON
CARTAGE**
**FOR
DRAYING
OR
TRUCKING**
Any kind
Satisfaction Guaranteed

WEDDING

LEE-HUNTER

A quiet wedding was solemnized in the library of the Prophetic Bible Institute on March 3 when Ruth, eldest daughter of Cpl and Mrs. Robert Hunter of Calgary, became the bride of Mr. Arthur Lee, only son of Mrs. Jacobson of Chinook, Alberta. Rev. Cyril Hutchinson officiated.

The bride, given in Marriage by her father, wore a pale blue jersey frock with brown accessories. Her corsage was of red roses and freesias.

Mrs. May Quinn was the bride's only attendant. Best man was Mr. Chester Gowenlock.

A reception was held in the Breton room of the Empress Grill, where Mrs. Hunter and Mrs. Ida Tindall, sister of the bridegroom, received the guests.

Mr. and Mrs. Lee left for a short honeymoon in Banff.

REGISTERED AND CERTIFIED SEED

Good seed increases production.



See our Agent for prices and particulars on cereal and forage seed.

The Alberta Pacific Grain Co. (1943) Ltd.

Give Till It Hurts**"Over Here"****TO HELP THOSE WHO****ARE HURT****"OVER THERE"****SUPPORT THE****RED CROSS**

Space donated by

BREWING INDUSTRY OF ALBERTA

The Continuing Job of the CANADIAN RED CROSS

THE EUROPEAN WAR is nearing its end. That is obvious. Many people, including members of the Canadian Red Cross, have asked us what our job will be if the war should suddenly end.

We reply that we can only see ahead greater responsibilities than ever. Both in Europe and at home the work of the Red Cross must go on. The war will not bring an end to suffering and want, to the care of our Prisoners of War, to our Wounded, and to the millions whose homes and way of life have been dislocated by strife.

We therefore feel that every Canadian has a right to some knowledge of what our responsibilities will be in the event of peace, and just how we propose to discharge those responsibilities. We treat each of our main activities under its respective heading.

PRISONERS OF WAR—With the end of hostilities our Prisoners of War will automatically cease to be prisoners. Chaos and breakdown in Germany will probably ensue. The German state will cease to care for them. They will become wards of the Allied General Commissions of Officers. Our task will then begin. It will be difficult, and it will probably take a minimum of six months to repatriate the 2,000,000 Canadian, British and Allied Prisoners in German Camps. The need of Prisoners' Parcels and Medical Supplies will be doubled. They will be distributed by the Allied Command, and will play a vital part in feeding our men pending repatriation. After a magnificent job we have done during the last five years we cannot let our boys in German prison camps down. Our Prisoners in the Far East will also be a continuing responsibility. We must carry on until every man is back home.

EUROPE'S STARVING MILLIONS—The job of feeding Europe's hungry millions is still far in its immaturity. Over 17,000,000 humans have been driven from their homes. Many have nowhere to rest their weary heads. They are starving. Malnutrition is the rule rather than the exception. There will be an urgent need for food, clothing and medical supplies. The Red Cross in these stricken countries are utterly dependent on their sister societies for supplies to meet these dire needs. Can we let them down? The Canadian Red Cross must go on!

RED CROSS WORK WITH OUR ARMED FORCES—Until the last Canadian soldier has left Europe and has been discharged from hospital, there will be important work for the Red Cross to do. How long this will be we do not know, but one thing we are certain of and that is that every Canadian boy and girl is to be sure that our boys in Europe as well looked after with the same concern as they were in war. The care of the wounded both in Europe and Canada is a permanent responsibility which we cannot evade. No Canadian wants to evade it. Here again the Red Cross must go on!

BLOOD SERUM SERVICE—Red Cross Blood Serum has saved countless lives in battle. The end of the war will see the end of painful war wounds. The demand for serum on the fighting fronts, except the Far East, will cease. But the Red Cross Blood Serum Service should be continued for civilian use. If the Red Cross makes it freely available it can save thousands of the lives of our own civilian citizens when war has ended.

OUPORT HOSPITALS, CHILDREN'S CLINICS AND DISTRICT NURSING SERVICE—This is part of the Red Cross service to civilians in Canada. It is carried out in the sparsely settled parts of the Dominion, and it must go on.

FIRST AID AND HOME NURSING SERVICE—One of the finest peacetime activities of the Canadian Red Cross. It is truly a worthwhile work and must go on.

TEACHING CANADIANS HOW TO BE BETTER NOURISHED—There is important work yet to be done in the matter of Nutrition. Thousands of Canadians are not eating the proper food. Their health could be improved immeasurably. The Canadian Red Cross has undertaken to educate where education is necessary. This work must go on.

PREPARATION TO MEET EPIDEMIC OR DISASTER—In case of these twin evils the Red Cross is always first on the job. For this reason alone the Red Cross must go on.

JUNIOR RED CROSS—A great crusade of 900,000 Canadian school children for health and good citizenship. A work that must go on.

Hannah L. Myhre

Chairman,
National Executive Committee
CANADIAN RED CROSS

Red Cross Work Must Go On!

CHINOOK BONSPIEL A HUGH SUCCESS

Despite weather conditions on the opening day, Tuesday, Feb. 27th when we had a real blizzard, the Chinook Bonspiel went on just the same with a 27 rink entry, the largest in many years. The drawmaster had to make many telephone calls and do a bit of extra figuring as some of the outside rinks were snowbound and their games had to be postponed to the following day, however only the drawmaster seemed to have these worries, as he won no prizes.

Sandy Anderson's rink, Alsask, from our most easterly boundary, won the Merchants event and we welcomed this rink, a new comer to our spiel. The west boundary was Hanna. Hanna boys always come to Chinook in droves. This year we had 4 rinks and the famous Butts rink always work into the prizes.

The McKenzie rink from Excel really were going strong and won the Grand Challenge event also Grand Aggregate and second in Merchants event. This rink had the admiration of thespiel and when they came out of their huddle they did have fun.

The following is a detail of prize winning rinks:-
Grand Challenge. 1st Prize McKenzie rink, Excel,
2nd " Vanstone " "
3rd " Butts " Hanna
4th " Blagen rink Chinook

Merchants event. 1st Prize S. Anderson's rink Alsask
2nd Prize McKenzie rink Excel
3rd Prize Reynolds rink Youngstown
4th Prize Grover rink Youngstown

Grand Aggregate. McKenzie Rink Excel
Consolation event. 1st Prize H. Morrison Chinook
2nd Prize J. Aitken "
3rd Prize J. Peyton "
4th Prize M. Coates "

We certainly appreciate the manner in which the outside rinks came through after shovelling themselves out of snow banks to get here. These are the boys who really make our Bonspiel such a success.

Men, Women Over 40 Feel Weak, Worn, Old?

Want Normal Pep, Vim, Vitality?

Do weak, anaemic, exhausted conditions you feel fagged out, don't try Oatrex. Contains calcium, phosphorus, vitamins A, D, E, C, and B. Supplied from calcium, phosphorus, vitamins A, D, E, C, and B. One tablet daily. For teenagers take two tablets only. See your druggist or chemist.

COOLEY BROS.

Your McCall-Frontenac Representative

Cordially Invite You To Attend A Special:

FREE

Farm Meeting and Showing of Films



Bring in your Friends & Meet your Friends!

We've planned an enjoyable evening that will show you many new, easy ways to save much work and trouble in farming.

Don't Miss it!

**Chinook Hotel
March, 22nd**